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(54) Title: METHOD AND APPARATUS FOR PRODUCING MICRO EMULSIONS

(57) Abstract: This invention relates to preparation of micro emulsions having a controlled size. It provides methods, measures, apparatus and products produced by the methods. The method is particularly suitable for preparing micro emulsions of water contain-
ing one or more ionic species in an oil and/or dense fluid phase such as CO₂ containing fluids under near or supercritical conditions,
thereby enabling the use of said dense fluids as solvents for extraction of ionic species, as nano-reactor templates and/or as a carrier
for further processing such as deposition on a solid material and/or in a process for producing fine particles, such as particles in the
nano- or micrometer range.



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